

Title (en)
METHOD FOR PRODUCING A MULTIPLE-LAYER METALLIC COMPOSITE PLATE USING A PARTICLE SUSPENSION; CORRESPONDING COMPOSITE PLATE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES MEHRLAGIGEN METALLISCHEN VERBUNDBLECHS UNTER VERWENDUNG EINER PARTIKEL-SUSPENSION; ENTSPRECHENDES VERBUNDBLECH

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE TÔLE COMPOSITE MÉTALLIQUE MULTICOUCHE EN UTILISANT UNE SUSPENSION DE PARTICULES; TÔLE COMPOSITE CORRESPONDANTE

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Abstract (en)
[origin: WO2011144309A1] The invention relates to a method for producing a multiple-layer metallic composite plate, comprising the following method steps: coating of a surface of a first part plate by application of particles, stacking of the first part plate with the coated surface onto a surface of a second part plate, connecting of the part plates by roll cladding with the inclusion of the applied particles to form a first composite plate, and optionally repetition of the above-mentioned steps using the first composite plate as a part plate to form a composite plate from a multiplicity of part plates. It is provided here to apply the particles from a suspension onto the surface of one or each part plate from a suspension. A method of this type makes the simple production of a composite plate possible with mechanical and/or functional properties which are improved in a targeted manner or material properties which are graded in a targeted manner. Furthermore, the invention comprises a composite plate which is produced by way of the above-mentioned method.

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See references of WO 2011144309A1

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